

## VOLTAGE COMPARATORS

MODEL NUMBER	OUTPUT STAGE	Power Supply Requirements						Eos @	Eos @	Ib @	Ib @	INPUT CMV	LATCH ENABLE	LATCH HOLD	LATCH SET UP	PROP DELAY	Model Designator Temperature							
		+Vcc	+Icc	-Vee	-Iee	+25C	Tmax										0	-25	-40	-55	PRICE			
	TYPE	Volts	+ mA	Volts	- mA	± mV	±mV			dB	± V	dB		nSEC	nSEC	nSEC	nSEC					100's		
<b>SINGLES: DUAL SUPPLIES</b>																								
<b>AD1317 Windlow Comparator</b>																								
AD1317	DIFF/ECL	+10V	70	-5.2V	100	± 10	20uV/C	33uA	ns	70	-2>+7	65	YES	0	0.4	2.8	ns	K					\$25.00	
AD790	OPEN COLLECTOR	+15V	10	-15V	5	1	1.5	5nA	6.5nA	80	± 13V	80	YES	35	10	45	50	J	A				\$2.95	
AD790	OPEN COLLECTOR					0.25	0.5	3.5nA	4.5nA	88		88						K	B				\$3.95	
AD790	OPEN COLLECTOR					1	1.5	5nA	7nA	80		80											S	
AD8561	SINGLE ENDED TTL	+5V	18	-5.V	18	3	4	4	9	70	+3.5/-4.9	60	YES	1	1.5	8	10		A				\$1.96	
AD9696	DIFF/TTL	+5V	32	-5.2V	4	2	3	55uA	110uA	80	-2.2/+3.7	70	YES	3	3	4.5	7	K					\$2.46	
AD96685	DIFF/ECL	+5V	9	-5.2V	18	2	3	10uA	16uA	80	-1.5/+3.7	60	YES	1	1	3.5	NS		B	T			\$3.08	
<b>DUALS: DUAL SUPPLIES</b>																								
AD9698	DIFF/TTL	+5V	64	-5.2V	8	2	3	55uA	110uA	80	-2.2/+3.7	70	YES	3	3	4.5	7	K					\$4.23	
AD96687	DIFF/ECL	+5V	18	-5.2V	36	2	3	10uA	16uA	80	-1.5/+3.7	60	YES	1	1	3.5	NS		B	T			\$3.08	
<b>QUADS: DUAL SUPPLIES</b>																								
AD8564	SINGLE ENDED TTL	+5V	18	-5.V	18	3	4	4	9	70	+3.5/-4.9	60	NO	NA	NA	8	10		A				\$4.10	
<b>SINGLES: SINGLE SUPPLY</b>																								
AD790	OPEN COLLECTOR	+15V	12			1.5	2	5nA	6.5nA	NS	-0.3	80	YES	35	10	45	50	J	A				\$2.95	
AD790	OPEN COLLECTOR					0.6	0.85	3.5nA	5nA		to	88						K	B				\$3.95	
AD790	OPEN COLLECTOR					1.5	2	5nA	8nA		+3V	80											S	
AD9696	DIFF/TTL	+5V	32			2	3	55uA	110uA	57	+1.4/+3.7	NS	YES	3	3	4.5	7	K					\$2.46	
AD8561	SINGLE ENDED TTL	+5V	5.25			3	4	4	9	70	+2.75	60	YES	1	2	8	10		A				\$1.96	
<b>DUALS: SINGLE SUPPLY</b>																								
AD9698	DIFF/TTL	+5V	64			2	3	55uA	110uA	57	+1.4/+3.7	NS	YES	3	3	4.5	7	K					\$4.23	
<b>QUADS: SINGLE SUPPLY</b>																								
CMP-04	OPEN COLLECTOR	+15V	2			1	2	100 nA	200 nA	NS	0>+3.5V	NS	NO	N/A	N/A	300	NS		F				\$5.20	
CMP-04	OPEN COLLECTOR					3																	B	\$9.25
AD8564	SINGLE ENDED TTL	+5V	5.25			3	4	4	9	70	+2.75	60	YES	1	2	8	10		A				\$1.96	
<b>DIGITAL SIGNALS ONLY COMPARATORS</b>																								
CMP401	TTL +3V or +5V	+5V	7.5			3	5	TBD	TBD	90	0>+4V	85	NO	N/A	N/A	23	27		G				\$3.39	
CMP402	TTL +3V or +5V	+5V	2.4			3	5	TBD	TBD	90	0>+4V	85	NO	N/A	N/A	40	45		G				\$3.39	
CMP404	TTL +3V or +5V	+5V	18.4			3	5	TBD	TBD	70	0>+2.75V	60	YES	0.8	1.5	10	TBD		F				\$3.03	